

SYSTEM AND METHOD FOR DEPLOYING A MIRROR ASSEMBLY
OF A DISPLAY UNIT

ABSTRACT

A mirror assembly deployment system of a display unit includes an imaging mirror and an extension link assembly coupled to the imaging mirror. The extension
5 link assembly includes an extension spring coupled to a housing of the display unit. The deployment system includes a compression link assembly coupled to the extension link assembly, wherein the compression link assembly comprises a compression spring. The system also
10 includes a fold mirror coupled to the compression link assembly. The extension spring is configured to at least partially unload when the imaging mirror is released from a recessed position to cause the imaging mirror to rotate to an at least partially deployed position. The
15 compression spring is configured to unload when the extension spring at least partially unloads to cause the fold mirror to rotate from a recessed position to a deployed position.